EXPRESS MAIL

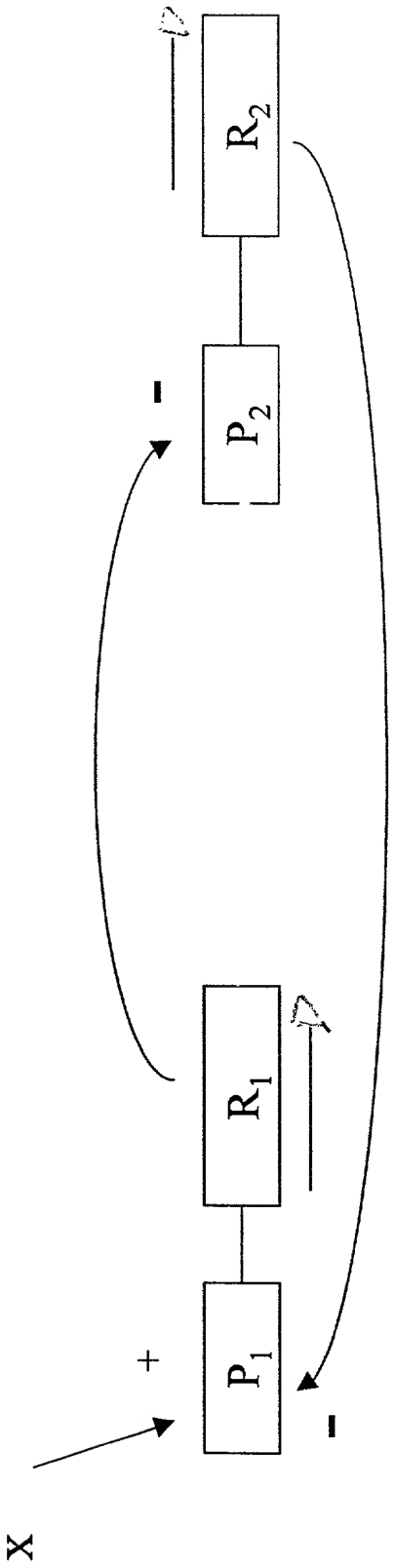


Fig. 1A

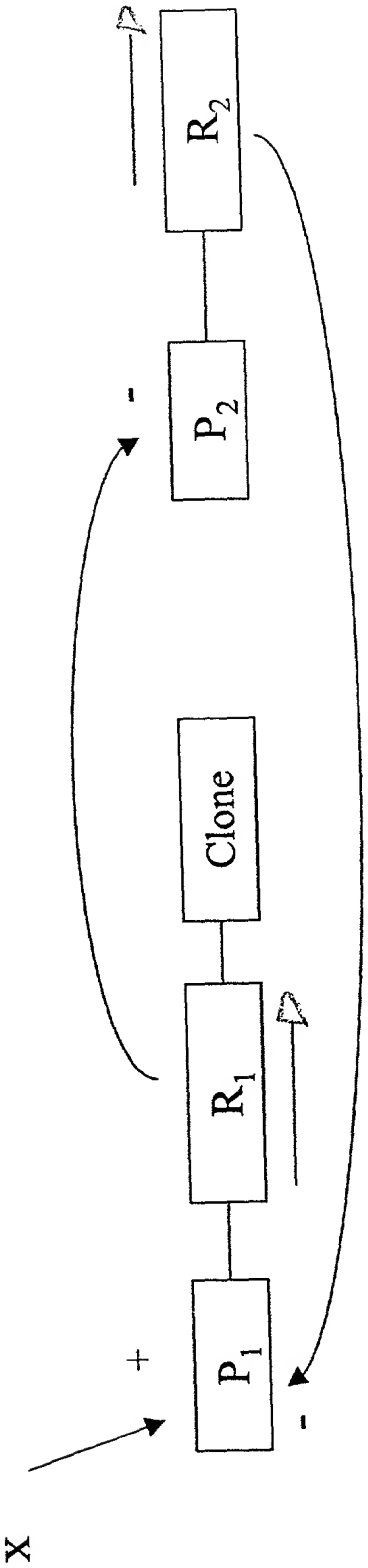


Fig. 1B

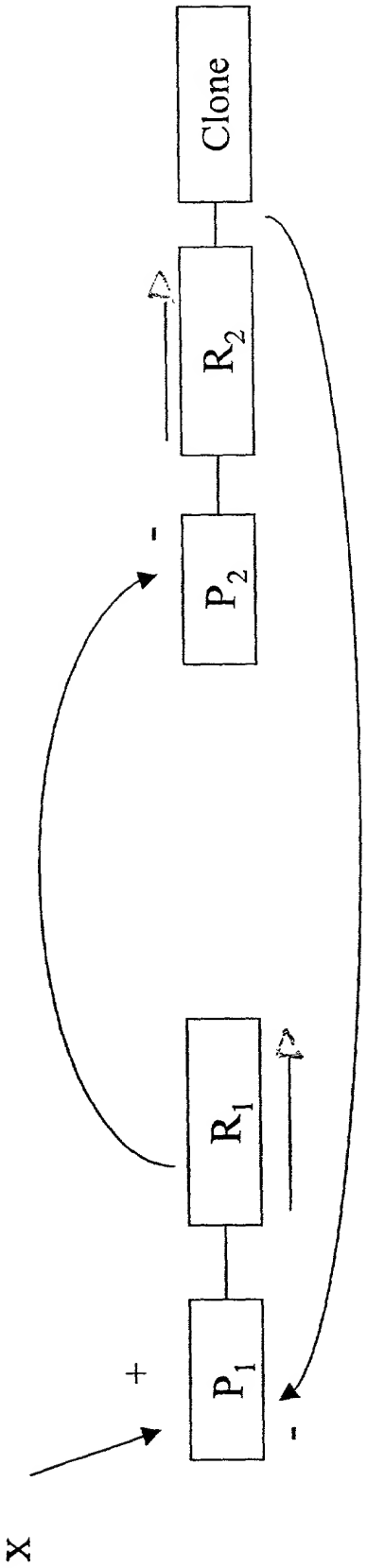


Fig. 1C

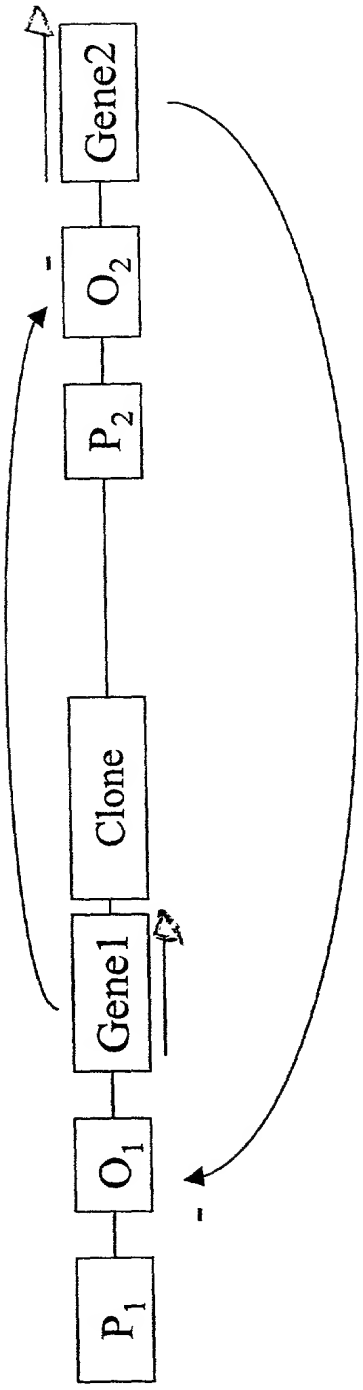


Fig. 2

TOTO90 "6EE2486D

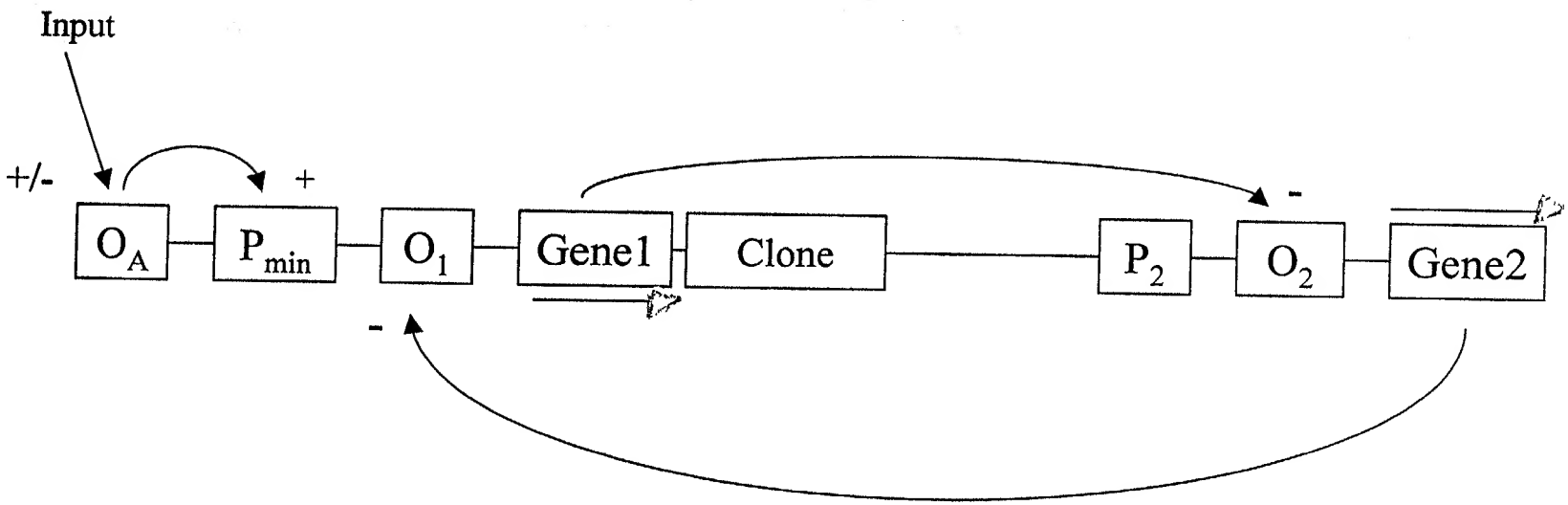


Fig. 3A

Title. Adjustable Threshold Switch
Inventor(s): Gardner
Serial No. Not Yet Assigned
Atty Docket No. CEL-003
Express Mail Mailing Label No. EL280660433US
Sheet 5 of 13

TOT090 "6EE2860

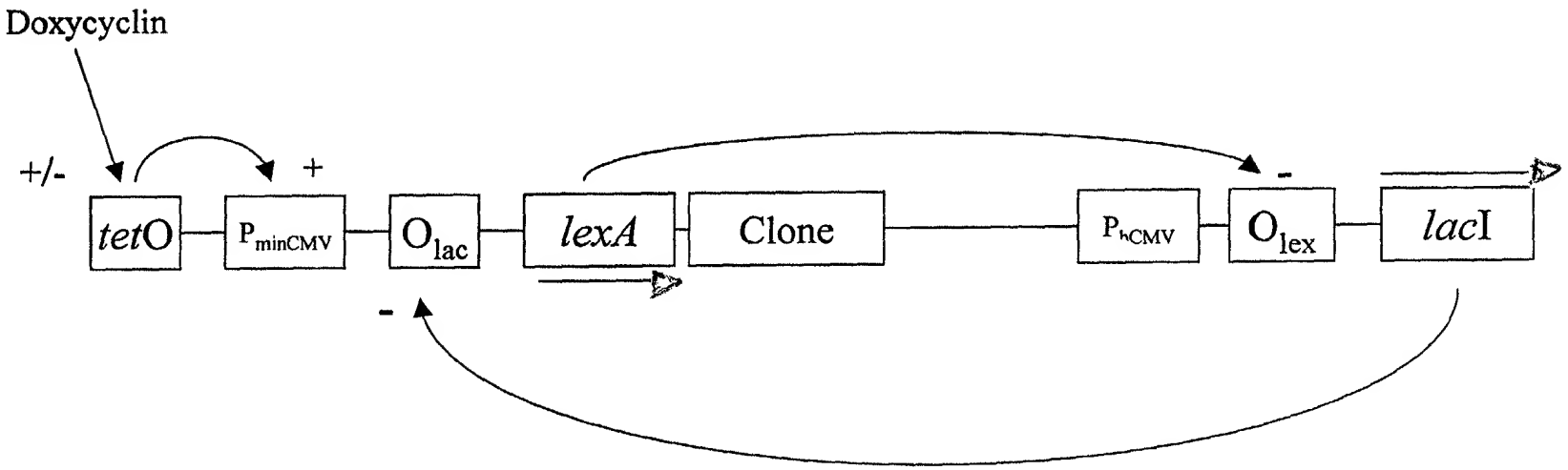


Fig. 3B

Title: Adjustable Threshold Switch
Inventor(s): Gardner
Serial No. Not Yet Assigned
Atty Docket No. CEL-003
Express Mail Mailing Label No. EL280660433US
Sheet 6 of 13

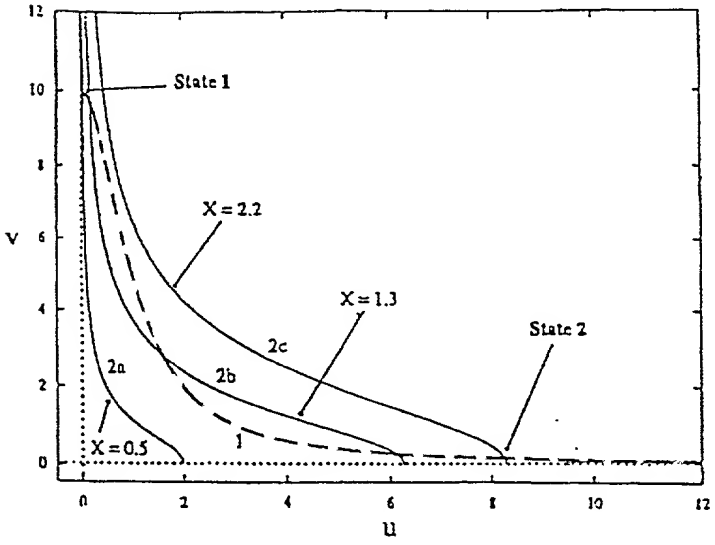


Fig. 4

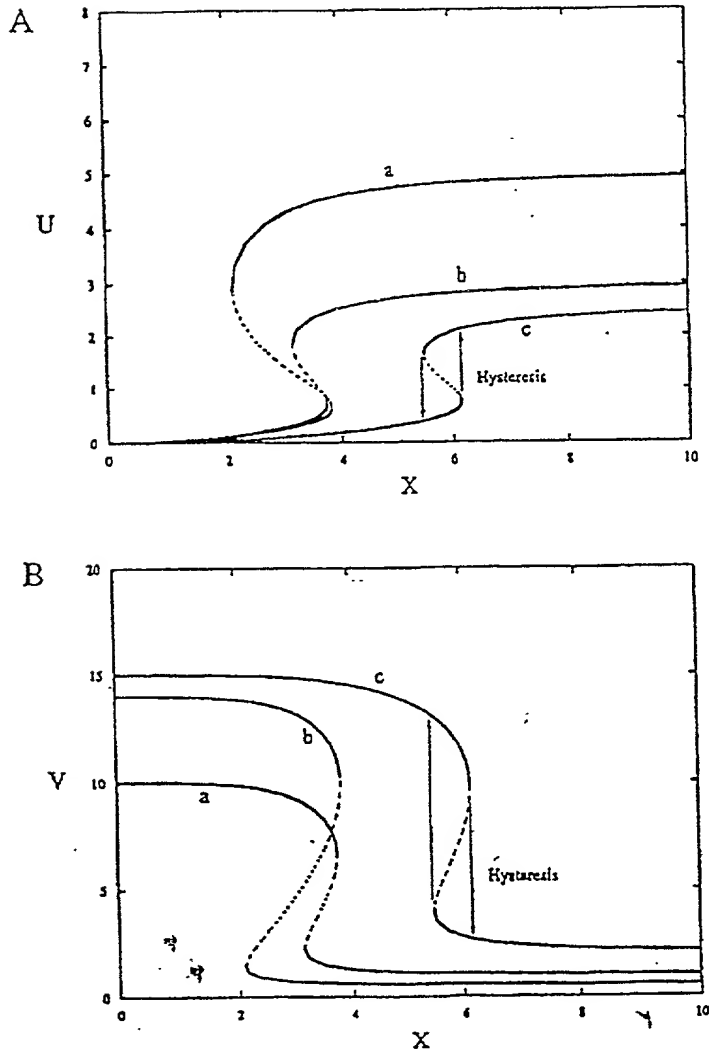


Fig. 5

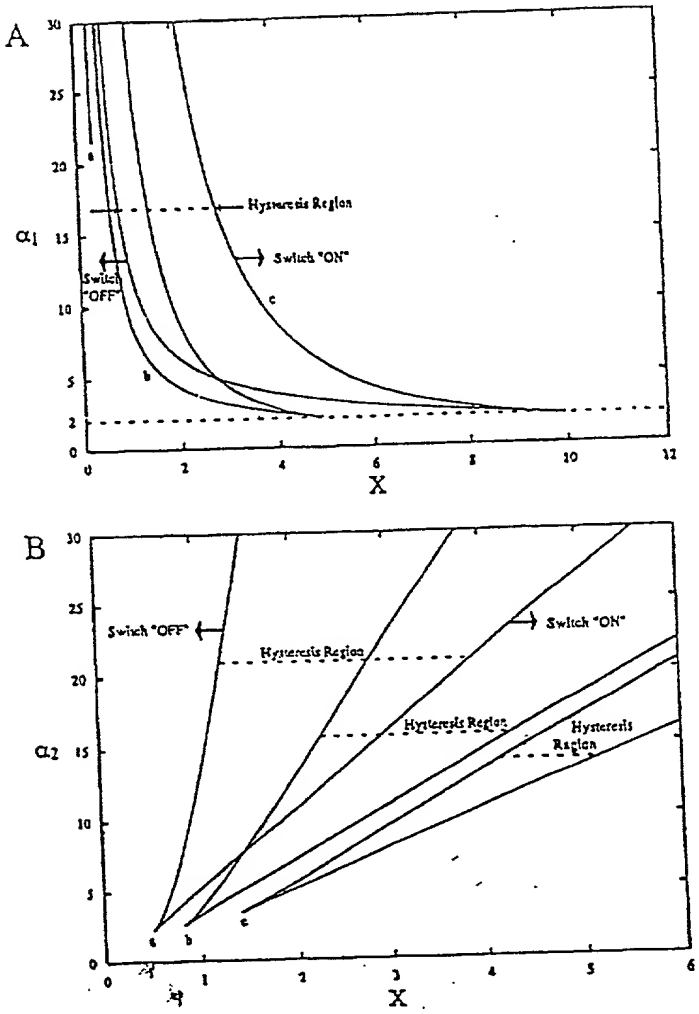

A
Hysteresis Region
Switch "ON"
Switch "OFF"
a
b
c
X
B
Switch "OFF"
Hysteresis Region
Switch "ON"
Hysteresis Region
Hysteresis Region
a
b
c
X

Fig. 6

Fig. 7A

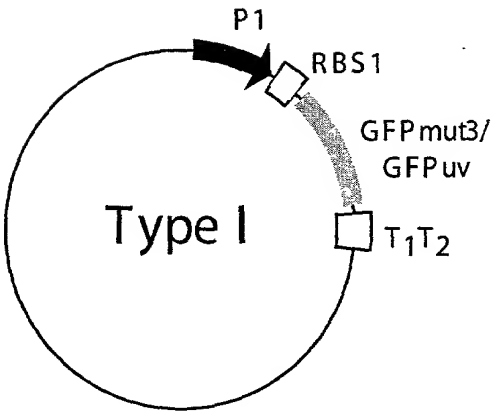


Fig. 7B

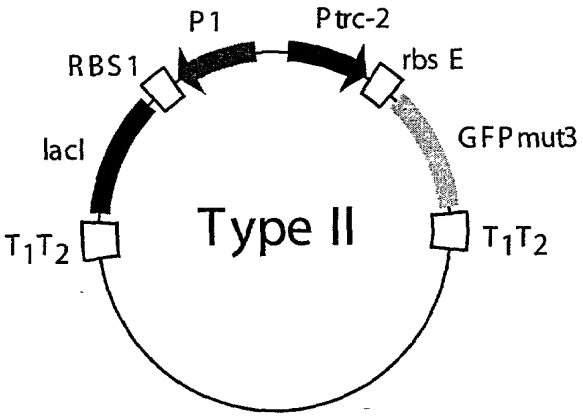


Fig. 7C

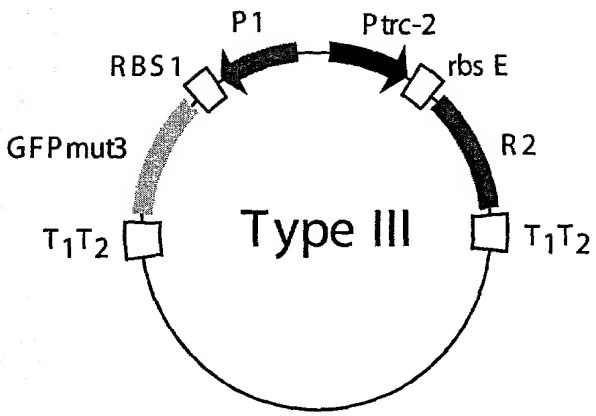


Fig. 7D

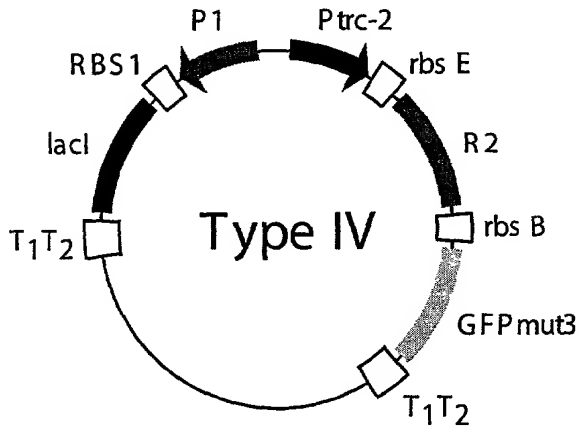
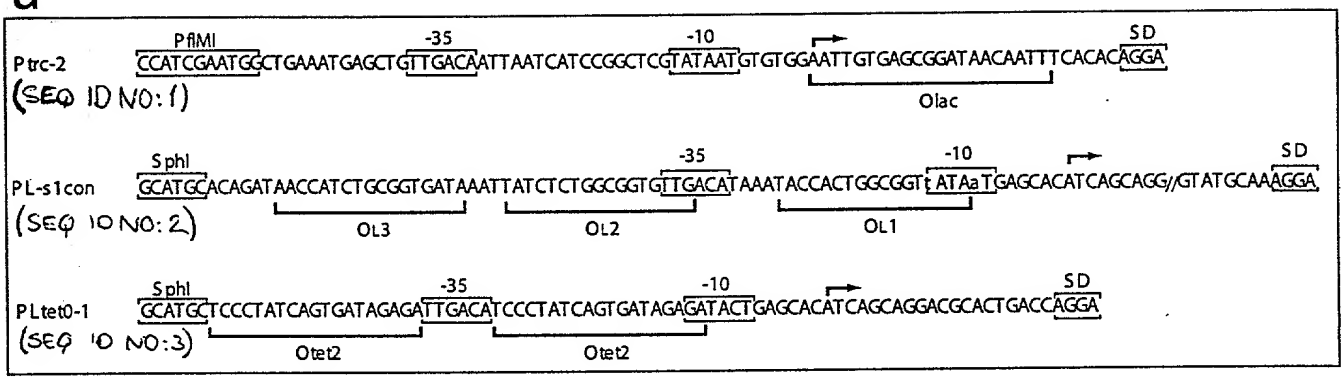


Fig. 7

a



b

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B	AGGAATTTAAATG (SEQ ID NO:5)
C	AGGAAACAGACCATG (SEQ ID NO:6)
D	AGGAAACCGGTTCGATG (SEQ ID NO:7)
E	AGGAAACCGGTTATG (SEQ ID NO:8)
F	AGGACGGTTCGATG (SEQ ID NO:9)
G	AGGAAAGGCCTCGATG (SEQ ID NO:10)
H	AGGACGGCCGGATG (SEQ ID NO:11)

Fig. 8

Fig. 9A

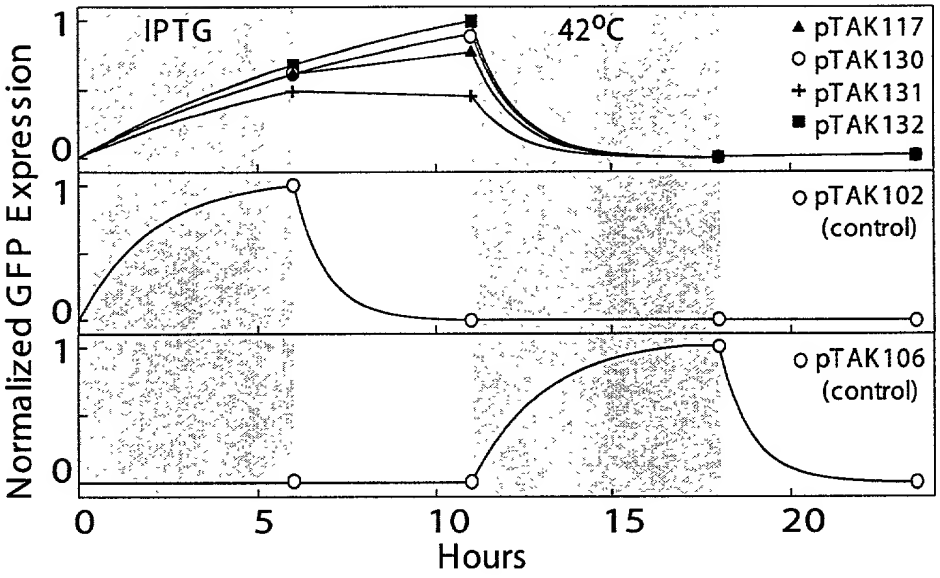


Fig. 9B

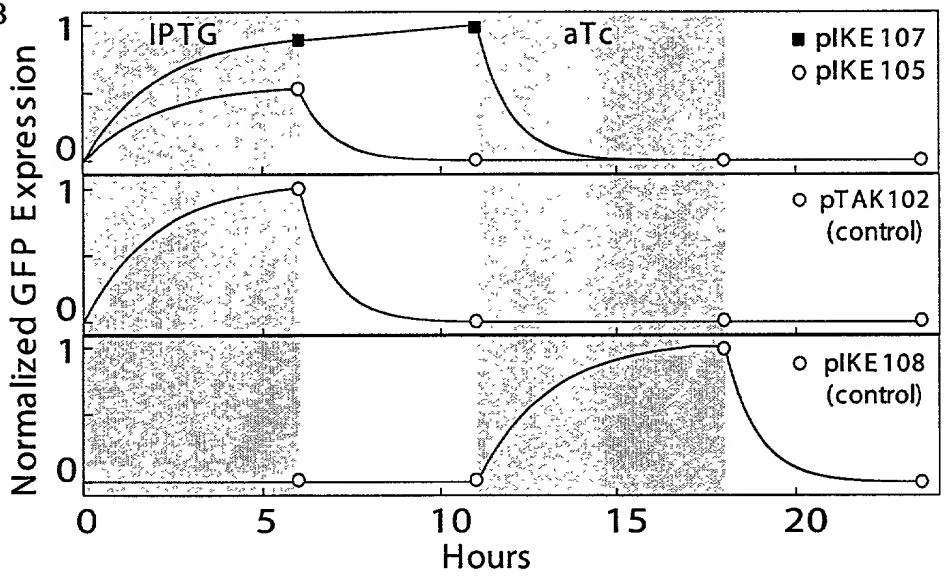


Fig. 9C

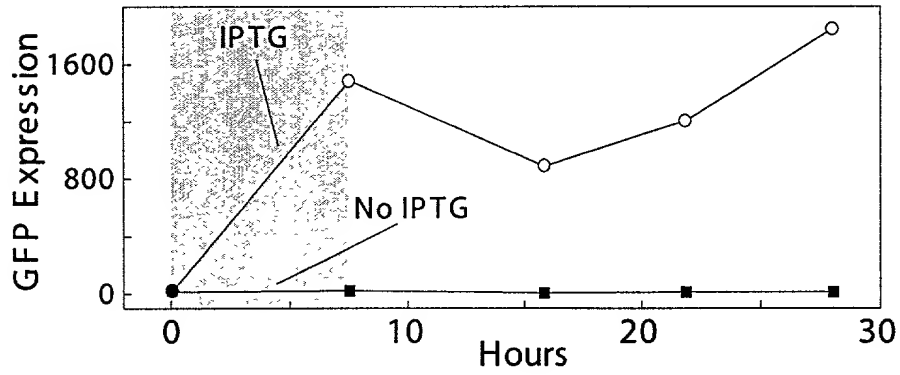
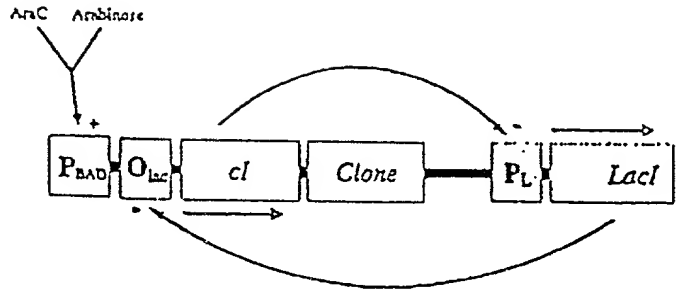


Fig. 9

A



B

I_1/I_2

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cgcagtgtgaaacgatacggtatcgtaaaaataggtattctaatcgcctaggatggactgcgaaaaatagcgt

P_{BAD}

O_{lac} SD

actctctactgtttctccatagatctaatgtgtggaattgtgagcggataacaatttcacacaggaaaccggt SEQ ID NO 12
tgagagatgacaaagaggtatctagattacacaccttaacactcgcctattgttaaagtgtgtcctttggcca

From P_{trc}

Fig. 10